



JUL 23 2002

TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/678,303

DATE: 07/01/2002

TIME: 15:31:54

Input Set : A:\EP.txt

Output Set: N:\CRF3\07012002\I678303.raw

E111111111

4 <110> APPLICANT: VEZINA, Louis-Philippe
 5 D'AOUST, Marc-Andr,
 6 MEDICAGO Inc.
 8 <120> TITLE OF INVENTION: PROMOTER FOR REGULATING EXPRESSION OF
 9 FOREIGN GENES
 11 <130> FILE REFERENCE: 14149-4"US"
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/678,303
 C--> 13 <141> CURRENT FILING DATE: 2000-10-03
 13 <150> PRIOR APPLICATION NUMBER: US 60/157,129
 14 <151> PRIOR FILING DATE: 1999-10-04
 16 <160> NUMBER OF SEQ ID NOS: 3
 18 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 1350
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial Sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Sequence to be used as a Promoter for regulating
 27 expression
 29 <400> SEQUENCE: 1
 30 cgacggcccg ggcgtgtata tttatatgtt gtcaaataac tcaaaaacca taaaagttaa 60
 31 agttagcaag tgtgtacatt tttatttgaa caaaaatatt cacctactac tggtataaat 120
 32 cattattaaa cattagagta aagaaatatg gatgataaga acaagagtag tgatattttg 180
 33 acaacaattt tgttgcaaca tttgagaaaa ttttggtgtt ctctcttttc attggtcaaa 240
 34 aacaatagag agagaaaaag gaagaggag aataaaaaca taatgtgagt atgagagaga 300
 35 aagttgtaca aaagttgtac caaaatagtt gtacaaatat cattgaggaa tttgacaaaa 360
 36 gtacacaaaa taagggttaa ttgctgtaaa taaataagga tgacgcatta gagagatgta 420
 37 ccattagaga atttttggca agtcattaaa aagaaagaat aaattatttt taaaattaaa 480
 38 agttgagtea tttgattaaa catgtgatta tttaatgaat tgatgaaaga gttggattaa 540
 39 agttgtatta gtaattagaa tttggtgtca aatttaattt gacatttgat cttttcctat 600
 40 atattgcccc atagagtcag ttaactcatt tttatatattc atagatcaaa taagagaaat 660
 41 aacggtatat taatccctcc aaaaaaaaaa aacggtatat ttactaaaaa atctaagcca 720
 42 cgtaggagga taacatccaa tccaaccaat cacaacaatc ctgatgagat aaccacattt 780
 43 aagcccaagc actctgtggc acatctacat tatctaaatc acacattctt ccacacatct 840
 44 gagccacaca aaaaccaatc cacatcttta tcaaccattc tataaaaaat cacactttgt 900
 45 gagtctaac tttgatcccc ttcaaacaca tacaagaga agagactaat taattaatta 960
 46 atcatcttga gagaaaatgg ccaccgttac ttccaccacc gttgctattc catcattcac 1020
 47 aggccttaag gcaaacgcaa gcaaaagttaa tgccatagct aaqgttccaa cttcaacttc 1080
 48 tcaattgcca aggctttgtg tcagagcttc cctcaaagac tttggagttg ctgctgttgc 1140
 49 cactgetgca agtgacattgt tagctagcaa tgcccttgca gttgaagtgt tgcttggtgc 1200
 50 tagtgatggg ggtttggctt ttgttccaaa caatttcaca gtgaacgctg gagacaccat 1260
 51 tacattcaag aacaatgctg gttttcctca caacgttate ttgatgaag acgagattcc 1320
 52 aagcgggggt gatgctgcaa tcgaattccc 1350

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56 <210> SEQ ID NO: 2
57 <211> LENGTH: 971
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Sequence to be used as a Promoter for regulating
63     expression
65 <400> SEQUENCE: 2
66 cgggctgata tatatatatg ttgtcaataa actcaaaaac cataaaagtt taagtttagca    60
67 agtgtgtataa tttttatttg aacaaaaata ttacactact actgttataa atcattatta    120
68 aacattagag taaagaaata tggatgataa gaacaagagt agtgatattt tgacaacaat    180
69 ttgtttgcaa catttgagaa aattttgttg ttctctcttt tcattggtca aaaacaatag    240
70 agagagaaaa aggaagaggg agaalaaaaa cataatgtga gtatgagaga gaaagttgta    300
71 caaaagttgt accaaaatag ttgtacaaat atcattgagg aatttgacaa aagctacaca    360
72 aataagggtt aattgctgta aataaataag gatgacgcat tagagagatg taccattaga    420
73 gaatttttgg caagtcatta aaagaaaaga ataaattatt tttaaaatta aaagttgagt    480
74 caatttgatta aacatgtgat tatttaatga attgatgaaa gagttggatt aaagttggtat    540
75 tagtaattag aatttgggtg caaatttaat ttgacatttg atcttttctt atatattgac    600
76 ccatagagtc agttaactca tttttatatt tcatagatca aataagagaa ataacggtat    660
77 attaatccct ccaaaaaaaaaa aaaacggtat atttactaaa aaatctaagc cactagaggag    720
78 gataacatcc aatccaacca atcacaacaa tctgatgag ataaccact ttaagccacac    780
79 gcaactctgtg gcaactctac attatctaaa tcacacattc ttccacacat ctgagccaca    840
80 caaaaaacca tccacatctt taccacccat tctataaaaa atcacacttt gtgagctctac    900
81 actttgattc ccttcaaaaa catacaaaga gaagagacta attaattaat taatcatctt    960
82 gagagaaaat g                                     971

86 <210> SEQ ID NO: 3
87 <211> LENGTH: 731
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Sequence to be used as a Promoter for regulating
93     expression
95 <400> SEQUENCE: 3
96 agagagaaaa aggaagaggg agaataaaaa cataatgtga gtatgagaga gaaagttgta    60
97 caaaagttgt accaaaatag ttgtacaaat atcattgagg aatttgacaa aagctacaca    120
98 aataagggtt aattgctgta aataaataag gatgacgcat tagagagatg taccattaga    180
99 gaatttttgg caagtcatta aaagaaaaga ataaattatt tttaaaatta aaagttgagt    240
100 caatttgatta aacatgtgat tatttaatga attgatgaaa gagttggatt aaagttggtat    300
101 tagtaattag aatttgggtg caaatttaat ttgacatttg atcttttctt atatattgac    360
102 ccatagagtc agttaactca tttttatatt tcatagatca aataagagaa ataacggtat    420
103 attaatccct ccaaaaaaaaaa aaaacggtat atttactaaa aaatctaagc cactagaggag    480
104 gataacatcc aatccaacca atcacaacaa tctgatgag ataaccact ttaagccacac    540
105 gcaactctgtg gcaactctac attatctaaa tcacacattc ttccacacat ctgagccaca    600
106 caaaaaacca tccacatctt taccacccat tctataaaaa atcacacttt gtgagctctac    660
107 actttgattc ccttcaaaaa catacaaaga gaagagacta attaattaat taatcatctt    720
108 gagagaaaat g                                     731

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VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date